

To: Lederer, Dave[Lederer.Dave@epa.gov]; Esten, Marie E CIV USARMY CENAE (US)[Marie.E.Esten@usace.army.mil]
Cc: Patricia White[whitep@battelle.org]; Anita. Rigassio-Smith@jacobs. com (Anita.Rigassio-Smith@jacobs.com)[Anita.Rigassio-Smith@jacobs.com]; Blount, Jonathan[Jonathan.Blount@jacobs.com]; John Lally[john.lally@lallyconsulting.com]
From: Iorio, Maryellen CIV USARMY CENAE (US)
Sent: Wed 9/20/2017 5:10:50 PM
Subject: RE: Upper Harbor confirmatory sample locations (UNCLASSIFIED)

My thought is that we can incorporate the confirmatory sampling on the cap as part of the first O&M program. We are counting on these low values to assist with getting the SWAC to 10 ppm. It would not be accurate to use an arbitrary value.

Ellen Iorio, P.E
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-----Original Message-----

From: Lederer, Dave [mailto:Lederer.Dave@epa.gov]
Sent: Wednesday, September 20, 2017 12:38 PM
To: Esten, Marie E CIV USARMY CENAE (US) <Marie.E.Esten@usace.army.mil>
Cc: Patricia White <whitep@battelle.org>; Iorio, Maryellen CIV USARMY CENAE (US) <Maryellen.Iorio@usace.army.mil>; Anita. Rigassio-Smith@jacobs. com (Anita.Rigassio-Smith@jacobs.com) <Anita.Rigassio-Smith@jacobs.com>; Blount, Jonathan <Jonathan.Blount@jacobs.com>; John Lally <john.lally@lallyconsulting.com>
Subject: [EXTERNAL] RE: Upper Harbor confirmatory sample locations (UNCLASSIFIED)

A number of these grid points lie in likely footprint of the Aerovox interim cap. How does that play into this? Since we won't be dredging right now will we sample the interim cap once installed? I think not.

-----Original Message-----

From: Esten, Marie E CIV USARMY CENAE (US) [mailto:Marie.E.Esten@usace.army.mil]
Sent: Tuesday, September 19, 2017 9:53 AM
To: Lederer, Dave <Lederer.Dave@epa.gov>
Cc: Patricia White <whitep@battelle.org>; Ellen Iorio <maryellen.iorio@usace.army.mil>; Anita. Rigassio-Smith@jacobs. com (Anita.Rigassio-Smith@jacobs.com) <Anita.Rigassio-Smith@jacobs.com>; Blount, Jonathan <Jonathan.Blount@jacobs.com>; John Lally <john.lally@lallyconsulting.com>
Subject: Upper Harbor confirmatory sample locations (UNCLASSIFIED)

CLASSIFICATION: UNCLASSIFIED

Dave,
As we move closer to an Upper Harbor dredge start (beginning of October) we need to finalize our confirmatory sampling plan. I have attached the most recent rendition of the confirmatory sampling locations for the Upper Harbor. We plan to use this grid. If you have any comments, please let me know by Friday.
Thank you,
Marie

Marie Esten

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-----Original Message-----

From: White, Patricia [mailto:whitep@battelle.org]
Sent: Tuesday, September 19, 2017 8:55 AM
To: Esten, Marie E CIV USARMY CENAE (US) <Marie.E.Esten@usace.army.mil>
Subject: [EXTERNAL] FW: Map of Upper Harbor confirmatory sample locations - revised

Hi Marie - I don't have any record of receiving EPA approval for this Upper Harbor confirmatory sampling plan. I distributed this revised map to the USACE team (in response to a Lally comment), but I'm not sure that it was ever passed on to EPA.

Patty

From: White, Patricia
Sent: Friday, July 21, 2017 4:32 PM
To: Iorio, Maryellen NAE <Maryellen.Iorio@usace.army.mil>; Rigassio-Smith, Anita <Anita.Rigassio-Smith@jacobs.com>; Esten, Marie E NAE <Marie.E.Esten@usace.army.mil>; John Lally <john.lally@lallyconsulting.com>
Cc: Dahlen, Deirdre T <DahlenD@battelle.org>; White, Patricia <whitep@battelle.org>
Subject: Map of Upper Harbor confirmatory sample locations - revised

Hi all,

As a follow up from yesterday's Upper Harbor confirmatory sampling discussion, we updated the map of proposed sampling locations so that one of them falls within the cove in the NE part of Area N (an area of potential concern identified by John). The most southern row of samples appears to be far enough north of the Coggeshall Street bridge to avoid the bridge abutment. The total number of proposed locations is 132 (not including MU25 and MU28). It's likely that some adjustments will need to be made around the edges based on the actual interface between intertidal/subtidal remediation areas, but adjustments are easy with a grid-based design. The key is to keep the locations systematically spaced.

Please let me know if you have any questions or other comments to consider.

Thanks and have a good weekend!

Patty

Patty White

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